

Alaska Department of Fish and Game

Habitat Section
Southeast Region



113-51-10040 Tributary 5

ADDITION

Water body name:

Quad: Sitka C-4

Upper Reach Latitude: 57.530490 **Longitude:** -135.177062

Lower Reach Latitude: 57.530374 **Longitude:** -135.176951

Survey date: 8/4/2023

Species & Lifestage:

Survey crew: DK, FC

Findings: We surveyed this uncataloged stream using a baited minnow traps and GPS and visually identified juvenile coho salmon and Dolly Varden. No photos of juvenile coho salmon were taken due to a malfunction with the electrofisher, but Habitat Biologists were able to verify coho salmon ID. The stream channel leads to a ponded beaver dam complex further upstream, with the main dam outfall located at waypoint 465 (Figures 1, 2). Only resident fish were caught above the first dam at waypoint 520 but fish habitat may continue further upstream in the complex; future investigation is recommended (Table 1; Figures 3,4).

Recommendations: Add this uncataloged stream to the anadromous waters catalog for rearing coho salmon up to waypoint 465 (Figure 5).

Nomination: Pending

Table 1.—113-51-10040 tributary 5 survey data.

Waypoint	Latitude	Longitude	Notes	Stream Width ft	Stream Substrate	Habitat Features	Gradient %	Sample Effort	Sample Results
464	57.530471	-135.176899	One of many outlets of beaver dam. Appears passable by fish.						
465	57.530494	-135.177083	Main beaver dam outfall, about 3 ft tall, no jump pool. E fisher malfunction but able to see coho below dam.					VI	3 CO
466	57.530647	-135.177280	Beaver pond, no fish observed but suggest trapping.						
519	57.530743	-135.176593	Minnow trap soaked at east edge of beaver pond; walked in from dry channel at bridge.	40-50	Fine Organic	Beaver Pond	0-1	MT	No Fish
520	57.530531	-135.177072	Minnow trap soaked just upstream of first (downstream) beaver dam above channelized stream.	25-30	Fine Organic	Beaver Pond	0-1	MT	6 DV
521	57.530568	-135.176986	Minnow trap soaked just upstream of top (upstream) beaver dam in complex.	40-50	Fine Organic		0-1	MT	No Fish
522	57.530643	-135.177125	Minnow trap soaked upstream of smaller middle beaver dam, just downstream of dams creating largest pond in complex.	20-25	Fine Organic	Beaver Pond	0-1	MT	No Fish



Figure 1.—Beaver dam outfall looking upstream at waypoint 465.



Figure 2.—Channel looking downstream of beaver dam outfall at waypoint 465.



Figure 3.–Ponded beaver dam complex at waypoint 520.



Figure 4.–Ponded beaver dam complex at waypoint 522.



Figure 5.—113-51-10040 tributary 5 addition map.